

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A clinical diagnostic reagent for testing infection of a subject with adult *Taenia solium* and *Taenia saginata*, comprising, as a main ingredient, ~~[[a]—a]]~~an isolated peptide comprising: ~~[[containing]]~~ (a) at least residues 22 -65 ~~[[of residues 20-85]]~~ of any one of amino acid sequences ~~[[of]]~~ SEQ ID NOs: 1 to 4, or (b) ~~[[a containing an-]]~~ an amino acid sequence of SEQ ID NO: 5.

2. (Currently amended) A diagnostic method for testing infection of a subject with adult *Taenia solium* and *Taenia saginata*, comprising:

(i) obtaining serum from a subject;

(ii) reacting the serum of ~~[[a-]]~~the subject with the clinical diagnostic reagent of claim 1;

(iii)~~[[ii]]~~ detecting whether the serum reacts with the isolated peptide of the clinical diagnostic reagent; and

(iv) correlating a reaction of the serum with the isolated peptide as indicative of infection of the subject with adult *Taenia solium* and/or *Taenia saginata*.

3. (Currently amended) A ~~The~~ diagnostic method of claim 2, wherein the isolated peptide ~~for testing infection of adult *Taenia solium* and *Taenia saginata*, comprising the steps of~~

(i) ~~fixing~~ is fixed on a support and wherein the reaction of the serum with the isolated peptide is detected using a labeled probe (a) ~~a comprising at least residues 22-65 [[of residues 20-85 of any amino acid sequence of SEQ ID NOs: 1 to 4 or (b) a containing an amino acid sequence of SEQ ID NO: 5 on a support,~~

(ii) ~~subjecting the peptide on the support to react with serum from a subject,~~

(iii) ~~subjecting the reactant to react with a labeled probe, and~~

(iv) ~~detecting the label.~~

4. (Currently amended) A diagnostic kit for testing infection of adult *Taenia solium* and *Taenia saginata* in serum from a subject, comprising ~~[[a-a]]~~**an isolated peptide comprising: containing-(a)** at least residues 22-65 ~~[[of residues 20-85-]]~~ of any **one of** amino acid sequences ~~[[of-]]~~ SEQ ID NOs: 1 to 4 or (b) ~~[[a-containing]]~~ an amino acid sequence of SEQ ID NO: 5, fixed on a support.

5. (New) The method of claim 3, wherein the probe comprises one of an antibody, an anti-human IgG-antibody, a protein G, a protein A or a protein L.

6. (New) The method of claim 3, wherein the label on the labeled probe is selected from the group consisting of a radioisotope, an I^{125} radioisotope, a peroxidase enzyme and an alkaline phosphatase enzyme.